SSE Curriculum Committee meeting minutes

September 25, 2012

In attendance: Beth Wee, Janet Ruscher, Tudie Gleason from Registrar, Dayna Gessler from Advising, Carol Pizer from N-T, George Flowers, Al Vitter, Jerry Shakov, Cedric Walker, Donata Henry, Mark Sulkes, Gary Dohanich, Paul Columbo, Kyriakos Papadapolous, Nancy Hopkins, Stephanie Borrego and Eleanor Berault taking notes

1. Introductions
2. Approval of minutes from January 31, 2012 - minutes already approved via email and posted on SSE website.
3. Selection of Committee Chairperson: Jerry indicated that he was willing to stay on if no one else wanted to volunteer. Approved.
4. Courses:
   a. Items pre-approved by Beth Wee, Janet Ruscher, Jerry Shakov: (new item underlined)
      Change to Course Description, Course number, Title

      CENG 3110 Thermodynamics II change course number to CENG 3140
      CENG 6110 Change course title from Thermodynamics and Properties of Matter to Modern Thermodynamics.

      CENG 6120 Change course title from Graduate Transport Phenomena to Graduate Chemical and Biomolecular Transport Phenomena.

      CENG 6150 Change course title from Advanced Reactor Design to Reactor Design

      EBIO 3045 change in prerequisite: EBIO 2020 Theory and Methods in EEB

Crosslisted Courses:

CENG 3140 (was 3110) Thermodynamics II crosslist with CENG 6140

CENG 3390 Transport Phenomena II crosslist with CENG 6390

CENG 6150 Reactor Design crosslist with CENG 4150 (existing course)

MATH 2170 Discrete Mathematics crosslist with CMPS 3250

MATH 3250 Theory of Computation crosslist with CMPS 3250

MATH 3260 Analysis of Algorithms crosslist with CMPS 3260

MATH 3280 Information Theory crosslist with CMPS 3280

MATH 4250 Mathematical Foundations of Computer Security crosslist with CMPS 4250

New Special Topics and Independent Study Courses:

CENG 4780 Special Topics

CENG 6780 Special Topics

CENG 7780 Special Topics

CMPS 3120/6120 Special Topics in Computer Science
CMPS 4910 Independent Study in Computer Science
CMPS 4820 Independent Study in Computer Science
CMPS 4990 Honors Thesis in Computer Science (3 credits; first semester)
CMPS 5000 Honors Thesis in Computer Science (4 credits; second semester)
CMPS 7980 Independent Study in Computer Science (graduate students)
SCEN 4800 Special Topics
SCEN 6800 Special Topics
SCEN 7800 Special Topics
EBIO 5970 Research Seminars and Presentation – approved by email ballot in May 2012

The following special topics courses were approved after discussion about special topics; see new business

EBIO 7650 Special Topics
EENS 7080 Special Topics
PHYS 6910 Special Topics

New Courses – not pre-approved:

CENG 6170 Graduate Chemical Reaction Engineering
EBIO 3590/6590 Plant Biology and Adaptation
Enhances current offerings, to be taught by new Postdoc teaching fellow
EENS 4180/6180 Introduction to Remote Sensing

Toolbox course. Grad students do extra oral presentation. Question of whether should be crosslisted with Computer Science in order to make it more searchable. After discussions with EENS and CMPS, decision was made to NOT CROSSLIST this course.

PHYS 1005 Materials Camp: The Science of Electronic and Biomaterials
For high school students only as summer offering in TSSP, 1 credit, students will rotate in 4 labs over 2 week period. There is a research paper required at end.

PSYC/NSCI 4512 Memory Systems of the Brain – Honors

PSYC 7800 Supervision of Psychological Assessment

Combining two courses into one:

CENG 4600 (3 hours) and CENG 4620 (3 hours): want to combine into single, 6 hour course.
Tudie noted that there is not a precedent for a 6 hour course. Kyriakos stated that both courses must be taken together in the spring of senior year and time spent on projects in industry would indicate at least 6 credit hours and it is part of a capstone requirement. Credits from both
projects are comprised of one in-depth project; not two separate projects. Suggested that a new course number be proposed and to delete previous course numbers to avoid any confusion. The committee was in general agreement to approve the course, but requested that CBE provide the correct syllabus and complete description, and then the committee members will have an email ballot to approve the proposed course.

All items approved except new CENG course.

5. Minors
   a. Discontinuation of Minors
      i. Ecology and Evolutionary Biology (approved via email vote, May 2012)
      ii. Environmental Biology (approved via email vote, May 2012)
   b. Change in description of Marine Biology Minor for Non-Majors (approved via email vote, May 2012)

6. Old Business
   a. SSE capstones and Service Learning courses: Please continue to review to keep list as up to date as possible. Eleanor will resend list for review.
   b. Registrar’s inventory list of July 2012 was sent to all committee members. Tudie indicated that future reports should request current and active courses and request one course per line to reduce duplicates. Once we have included changes from this meeting we will rerun report and send out for approval by all departments and programs.
   c. Generic SCEN courses and how they fulfill N-T requirements. After discussion, SCEN 1500 course approved but must be passed (with syllabus and course description) to Beth Wee and then department for approval. 3 day turn-around time requested from Registrar. Will only apply to lectures and never to laboratory requirements.
   d. Guidelines of curriculum committee: Printed copy sent out. If any other items need to be included send to Beth.

7. New Business
   a. Special Topics courses – Janet Ruscher
      Need to add EBIO 7650, EENS 7080, PHYS 6910 as special topics courses to make sure departments have available courses when needed. Janet will facilitate documents and approvals by departments as well as signatures as procedurally required (courses were added to approved list above)
   b. Environmental Science 4 + 1 program will be discontinued as of Fall 2012(request submitted by EEB and EENS). As of fall 2012 no new students will be admitted, but the few that are left in the program will be allowed to complete program.

8. Next Meeting: As long as nothing comes up that requires discussion, the next meeting will be held in January 2013.

Adjourned.